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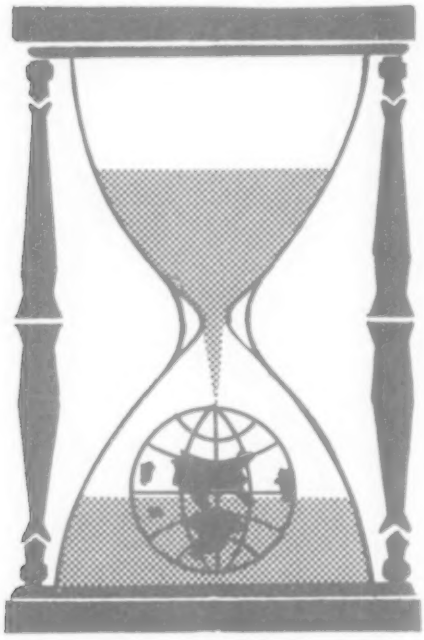
Selected references on ENVIRONMENTAL quality as it relates to HEALTH



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FOREWORD

Rising interest in the quality of our environment has increased the number of requests to the National Library of Medicine for relevant bibliographic citations. Medical and allied health professionals are generally familiar with the capabilities of the Library and its computer-based Medical Literature Analysis and Retrieval System (MEDLARS) that produces *Index Medicus* and other bibliographic tools, including literature searches designed to meet individualized requirements. However, a number of individuals less familiar with the Library and its products need the same information, so *Selected References on Environmental Quality as It Relates to Health* is being issued as a monthly publication, to be cumulated annually.

The National Library of Medicine facilitates access to biomedical information essential to the support of the health team. It acquires, stores, and retrieves textual materials required to produce both general and specialized bibliographic compilations as needed, and provides copies of documents not otherwise available. It shares these capabilities with other medical libraries through a Regional Medical Library system. It is also developing information services relating to the harmful effects of chemicals on humans.

The Library indexes those periodicals deemed by peers to contain the most important contributions to the art and science of medicine. The effective control of bacterial infection and the emergence of many viruses as determinants of disease have been accompanied by the realization that non-microbial entities in the environment as diverse as chemicals that pollute the air and water, dietary constitutents, noise, and other consequences of industrialization, urbanization, and transportation also contribute to ill health, sometimes in quite specific ways. As man is the product of his genes and his environment, so are his diseases. References to genetic considerations, as well as much of the purely clinical literature, have been deleted from this compilation, as have most of the microbiological entries. Rather, an effort has been made to assemble citations to works that describe perturbations in the ecosystems important to health.

The coverage, though reasonably broad, is somewhat limited by the scope of the Library's collections. Man's very existence is supported by several food chains, but the purely botanical and agronomic aspects are covered less deeply than are the actual or potential hazards to vertebrate members of the system and the insect vectors of disease. Likewise, the coverage of behavior focuses on individuals and comparatively small social groups, and only such distinctly medical aspects of larger societal movements as population dynamics and fertility control. The coverage of such topics in this work is deliberately limited to keep it manageable. The user will find citations to articles on pollutants of air and water under general rather than highly specific chemical terms, because of the constraints imposed by a more biomedically oriented computer vocabulary (which will be expanded in a second generation of MEDLARS).

Pilot issues of this bibliography were circulated to a small group of potential users for evaluation. Generally, they encouraged the Library to publish the product on a monthly basis. In addition, their comments have greatly improved the compilation. The Library hopes that users will continue to tell us how we may better meet their needs.

Martin M. Cummings, M.D.
Director
National Library of Medicine

INTRODUCTION

Selected References on Environmental Quality as It Relates to Health is a product of MEDLARS (Medical Literature Analysis and Retrieval System), the National Library of Medicine's computer-based citation retrieval system that is used to compile and produce its publications. *Index Medicus* encompasses the literature of biomedicine broadly; other bibliographies cover special subject areas.

This bibliography cites selected articles from 2,200 biomedical journals. Each monthly issue includes references cited in the monthly *Index Medicus* for the corresponding month.

The citations in *Selected References* are arranged under subject headings which appear in alphabetical order. The subheadings are arranged alphabetically within each subject heading. Citations are listed alphabetically by the abbreviation of the journal title within subheadings.

Subject headings are index terms selected by trained indexers from NLM's controlled vocabulary, *Medical Subject Headings (MeSH)*,* as representing the content of the article. The indexer selects the most specific applicable subject headings. For example, a paper on dieldrin would appear under DIELDRIN, not under the broader INSECTICIDES. INSECTICIDES and other more general headings are used for general articles and for articles on those more specific concepts for which there are no individual headings in *MeSH*. If the desired references are not found under a specific term, the user should seek a more general term. (A convenient way to identify the appropriate general term is to browse in the categorized list in *MeSH*.) If the user wishes to search exhaustively for all citations on a general subject, he should scan the citations under both the general heading and all the more specific *MeSH* headings. For example, for citations on insecticides, one might scan INSECTICIDES, and, additionally, BENZENE HEXACHLORIDE, CHLORDAN, DDT, DIELDRIN, PARATHION, PYRETHRUM, and ROTENONE.

Subheadings are used to indicate a particular aspect of the subject. Subheadings appear in small capital letters indented under subject.

Each bibliographic citation contains the following elements in order: title of the article in English (brackets indicate translated title); author (senior author if more than one); journal title abbreviation; volume number; inclusive pagination; date of issue; and an abbreviation indicating the language of the article if other than English. Review articles list the number of references in parentheses before the language abbreviation.

FOREIGN LANGUAGE ABBREVIATIONS

Afr	Afrikaans	Jap	Japanese
Alb	Albanian	Kor	Korean
Ara	Arabic	Lit	Lithuanian
Arm	Armenian	Mul	Multilingual
Aze	Azerbaijani	Nor	Norwegian
Bul	Bulgarian	Per	Persian (Modern)
Chi	Chinese	Pol	Polish
Cro	Croatian	Por	Portuguese
Cze	Czech	Pus	Pushto
Dan	Danish	Rum	Rumanian
Dut	Dutch	Rus	Russian
Fin	Finnish	Ser	Serbian
Fre	French	Slo	Slovak
Geo	Georgic	Slv	Slovene
Ger	German	Spa	Spanish
Gre	Greek	Swe	Swedish
Heb	Hebrew	Tha	Thai
Hun	Hungarian	Tur	Turkish
Ice	Icelandic	Ukr	Ukrainian
Ind	Indonesian	Vie	Vietnamese
Ita	Italian		

Complete journal titles appear in the *List of Journals Indexed in Index Medicus*, which is included in the January issue of *Index Medicus* and is also available separately from the Government Printing Office.**

* Medical Subject Headings, published as Part II of the January *Index Medicus;* (available separately from Superintendent of Documents, U.S.G.P.O., Wash., D.C. 20402 Price $5.50).

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TYPICAL CITATION

WATER POLLUTION

Title — Influence of an industrial waste landfill operation on a public water supply. Hopkins GJ, et al. — Author

Journal Title Abbreviation — J Water Pollut Contr Fed 42:431-6, Mar 70 — Date of Issue

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